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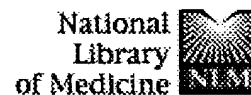
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☐ 3: Chang BV, Yang CM, Cheng CH, Yuan SY. Related Articles

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
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
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









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












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
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
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
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
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
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







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

















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


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


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


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

















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
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
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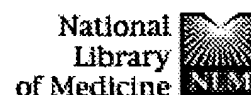
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









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
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
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
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
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
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
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



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


















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

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
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
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




























S100beta induction of the proinflammatory cytokine interleukin-6 in neurons.





















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
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
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
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
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

















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
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
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
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
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
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
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
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
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

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











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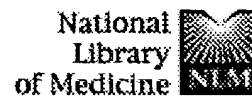
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 PMID: 1619445 [PubMed - indexed for MEDLINE]
-  **244:** [Edwardson JA, Candy JM, Ince PG, McArthur FK, Morris CM, Oakley AE, Taylor GA, Bjertness E.](#) [Related Articles](#)  
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 PMID: 1490421 [PubMed - indexed for MEDLINE]
-  **245:** [Haltia M, Ghiso J, Wisniewski T, Kiuru S, Miller D, Frangione B.](#) [Related Articles](#)  
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-  **246:** [Becker L, Mito T, Takashima S, Onodera K.](#) [Related Articles](#)  
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 Prog Clin Biol Res. 1991;373:133-52. Review.  
 PMID: 1838182 [PubMed - indexed for MEDLINE]
-  **247:** [Zhao XH, Schoenheit C, Duffy LK.](#) [Related Articles](#)  
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 Comp Biochem Physiol A. 1991;100(3):715-8.  
 PMID: 1685979 [PubMed - indexed for MEDLINE]
-  **248:** [Bodmer S, Podlisny MB, Selkoe DJ, Heid I, Fontana A.](#) [Related Articles](#)  
 **Transforming growth factor-beta bound to soluble derivatives of the beta amyloid precursor protein of Alzheimer's disease.**  
 Biochem Biophys Res Commun. 1990 Sep 14;171(2):890-7.  
 PMID: 2119582 [PubMed - indexed for MEDLINE]

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L2 66 DUP REM L1 (26 DUPLICATES REMOVED)

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L2 ANSWER 1 OF 66 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 AN 2003-20963 BIOTECHDS  
 TI New beta-amyloid binding polypeptide that specifically binds heparin and  
 beta-amyloid protein, useful for preparing a composition for treating  
 Alzheimer's disease;  
 involving virus vector plasmid-mediated gene transfer and expression  
 in host cell  
 AU CHAE C; GHO Y S; YANG S; BAE D; KWON B O; HWANG S  
 PA POSCO; POSTECH FOUND  
 PI WO 2003055910 10 Jul 2003  
 AI WO 2002-KR2353 13 Dec 2002  
 PRAI US 2001-339932 13 Dec 2001; US 2001-339932 13 Dec 2001  
 DT Patent  
 LA English  
 OS WPI: 2003-569430 [53]

L2 ANSWER 2 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2  
 AN 2002:368933 CAPLUS  
 DN 136:365558  
 TI cDNA encoding .beta.-amyloid peptide-binding protein and its use in  
 diagnosis and treatment of .beta.-amyloid peptide-related disease  
 IN Ozenberger, Bradley A.; Bard, Jonathan A.; Kajkowski, Eileen M.; Jacobsen,  
 Jack S.; Walker, Stephen G.; Sofia, Heidi; Howland, David  
 PA American Home Products Corporation, USA  
 SO U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 774,936.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002058267	A1	20020516	US 2001-852100	20010509
	WO 2000022125	A2	20000420	WO 1999-US21621	19991013
	WO 2000022125	A3	20000706		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2002090499	A2	20021114	WO 2002-US14223	20020506
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 1997-64583P	P	19970416		
	US 1998-60609	B2	19980415		
	US 1998-104104P	P	19981013		
	US 1998-172990	B2	19981014		
	WO 1999-US21621	A2	19991013		
	US 2001-774936	A2	20010131		
	US 2001-852100	A	20010509		

L2 ANSWER 3 OF 66 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 AN 2002-14734 BIOTECHDS  
 TI New beta amyloid binding peptides, useful in the diagnosis of Alzheimer's  
 disease, Parkinson's disease or pain and in development of high  
 throughput screening, or computer-based rationale drug design to create  
 small molecule mimetics;  
 \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\*  
 for drug screening and disease diagnosis and therapy  
 AU LEE D H S; REITZ A B; PLATA-SALAMAN C; WANG H  
 PA ORTHO-MCNEIL PHARM INC  
 PI WO 2002014351 21 Feb 2002  
 AI WO 2000-US25410 14 Aug 2000  
 PRAI US 2000-225048 14 Aug 2000  
 DT Patent

LA English  
OS WPI: 2002-371643 [40]

L2 ANSWER 4 OF 66 USPATFULL on STN  
AN 2002:157009 USPATFULL  
TI Tumor associated proteins  
IN Luo, Liu-Ying, Toronto, CANADA  
Diamandis, Eleftherios P., Toronto, CANADA  
PI US 2002081608 A1 20020627  
AI US 2001-909147 A1 20010719 (9)  
PRAI US 2000-219674P 20000721 (60)  
US 2001-273451P 20010305 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2594  
INCL INCLM: 435/006.000  
INCLS: 435/007.230; 435/325.000; 435/320.100; 435/069.300; 530/350.000;  
536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/007.230; 435/325.000; 435/320.100; 435/069.300; 530/350.000;  
536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06; C07K014-435  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 3  
AN 2001:127547 BIOSIS  
DN PREV200100127547  
TI Molecular cloning, modeling, and localization of rat type 10  
17beta-hydroxysteroid dehydrogenase.  
AU He, Xue-Ying; Merz, George; Chu, Chin-Hung; Lin, Dawei; Yang, Ying-Zi;  
Mehta, Pankaj; Schulz, Horst; Yang, Song-Yu [Reprint author]  
CS Department of Pharmacology, New York State Institute for Basic Research in  
Developmental Disabilities, Staten Island, NY, 10314, USA  
yang\_songyu@yahoo.com  
SO Molecular and Cellular Endocrinology, (January 22, 2001) Vol. 171, No.  
1-2, pp. 89-98. print.  
CODEN: MCEND6. ISSN: 0303-7207.  
DT Article  
LA English  
OS Genbank-AF069770; Genbank-AF233685  
ED Entered STN: 14 Mar 2001  
Last Updated on STN: 18 Feb 2002

L2 ANSWER 6 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4  
AN 2000:666758 CAPLUS  
DN 133:232849  
TI Therapeutic and diagnostic applications of P400: a newly discovered  
\*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* present  
in human biological fluids  
IN Castillo, Gerardo; Snow, Alan D.  
PA Proteotech, Inc., USA  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000055187	A1	20000921	WO 2000-US6878	20000315
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI US 1999-124462P	P	19990315		
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AN 2001:134926 BIOSIS  
 DN PREV200100134926  
 TI Abeta binding protein BBP1 shows selective and high affinity association with Abeta peptide in vitro.  
 AU Ning, X. [Reprint author]; Kajkowski, E.; Ryan, K.; Edris, W.; Chanda, P.; Vile, S.; Walker, S.; Bard, J.; Jacobsen, J. S.; Kennedy, J.; Ozenberger, B.  
 CS Wyeth-Ayerst Research, Princeton, NJ, USA  
 SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-858.3. print.  
 Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience. ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 14 Mar 2001  
 Last Updated on STN: 15 Feb 2002

L2 ANSWER 8 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:134927 BIOSIS  
 DN PREV200100134927  
 TI \*\*\*Beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* BBP1 specifically binds Abeta1-40 in vitro.  
 AU Walker, S. G. [Reprint author]; Ryan, K.; Vile, S.; Ning, X.; Edris, W.; Chanda, P.; Jacobsen, J. S.; Kennedy, J.; Ozenberger, B.; Bard, J.  
 CS Wyeth-Ayerst Research, Princeton, NJ, USA  
 SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-858.4. print.  
 Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience. ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 14 Mar 2001  
 Last Updated on STN: 15 Feb 2002

L2 ANSWER 9 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:134925 BIOSIS  
 DN PREV200100134925  
 TI A truncated \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* BBP1 is synthesized from a cryptic spliced recombinant mRNA.  
 AU Bard, J. A. [Reprint author]; Walker, S. G.  
 CS Wyeth-Ayerst Research, Princeton, NJ, USA  
 SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-858.1. print.  
 Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience. ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 14 Mar 2001  
 Last Updated on STN: 15 Feb 2002

L2 ANSWER 10 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5  
 AN 1999:691114 CAPLUS  
 DN 131:318597  
 TI The Alzheimer-associated . \*\*\*beta\*\*\* .- \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* (ERAB) is highly upregulated in the testicular Leydig cells of the azoospermic W/Wv mouse: identification by differential display RT-PCR  
 IN Ivell, Richard; Spiess, Andrej-Nikolei; Balvers, Marga; Jahner, Detlef; Hansis, Christoph  
 PA Institut fur Hormon- und Fortpflanzungsforschung an der Universitat Hamburg, Germany  
 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9954347	A2	19991028	WO 1999-EP2610	19990419

WO 9954347 A3 20000323  
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
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AU 9936070 A1 19991108 AU 1999-36070 19990419  
PRAI US 1998-82257P P 19980417  
WO 1999-EP2610 W 19990419

L2 ANSWER 11 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:209505 BIOSIS  
DN PREV200000209505  
TI The \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\*  
BBP1 mediates cellular vulnerability to Abeta by a G protein and caspase-dependent mechanism.  
AU Ozenberger, B. A. [Reprint author]; Lo, C. F. [Reprint author]; Kajkowski, E. M. [Reprint author]; Walker, S. [Reprint author]; Smith, S. C. [Reprint author]; Wood, A. [Reprint author]; Bard, J. [Reprint author]; Jacobsen, J. S. [Reprint author]  
CS Wyeth Neurosciences, Princeton, NJ, 08543, USA  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 1561. print.  
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience. ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 24 May 2000  
Last Updated on STN: 5 Jan 2002

L2 ANSWER 12 OF 66 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:245576 PROMT  
TITLE: EUROPEAN PATENT DISCLOSURES.  
SOURCE: BIOWORLD Today, (13 Oct 1998) Vol. 9, No. 197.  
PUBLISHER: American Health Consultants, Inc.  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 1605  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L2 ANSWER 13 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6  
AN 1998:708849 CAPLUS  
DN 129:312471  
TI cDNA for and .beta.-amyloid peptide-binding protein and diagnosis and treatment of .beta.-amyloid peptide-related disease  
IN Ozenberger, Bradley Alton; Kajkowski, Eileen Marie; Jacobsen, Jack Steven; Bard, Jonathan Adam; Walker, Stephen Glenn  
PA American Home Products Corp., USA  
SO PCT Int. Appl., 59 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9846636	A2	19981022	WO 1998-US7462	19980414
WO 9846636	A3	19990128		
W:				
AL, AM, AT, AU, AZ, BA, BB, BG, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9871156	A1	19981111	AU 1998-71156	19980414
AU 740445	B2	20011101		
EP 975753	A2	20000202	EP 1998-918186	19980414
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				

	BR 9808562	A	20000523	BR 1998-8562	19980414
	EE 9900482	A	20000615	EE 1999-482	19980414
	NZ 500216	A	20010629	NZ 1988-500216	19980414
	JP 2001523093	T2	20011120	JP 1998-544196	19980414
	NO 9905062	A	19991214	NO 1999-5062	19991015
	MX 9909493	A	20000331	MX 1999-9493	19991015
PRAI	US 1997-64583P	P	19970416		
	WO 1998-US7462	W	19980414		

L2 ANSWER 14 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 7  
 AN 1999:1482 BIOSIS  
 DN PREV199900001482  
 TI The gene for the Alzheimer-associated \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* -  
 \*\*\*binding\*\*\* \*\*\*protein\*\*\* (ERAB) is differentially expressed in  
 the testicular Leydig cells of the azoospermic by w/wv mouse.  
 AU Hansis, Christoph; Jahner, Detlev; Spiess, Andrej Nikolai; Boettcher, Kay;  
 Ivell, Richard [Reprint author]  
 CS IHF Inst. Hormone Fertility Res., Univ. Hamburg, Grandweg 64, D-22529  
 Hamburg, Germany  
 SO European Journal of Biochemistry, (Nov., 1998) Vol. 258, No. 1, pp. 53-60.  
 print.  
 CODEN: EJBCAI. ISSN: 0014-2956.  
 DT Article  
 LA English  
 ED Entered STN: 11 Jan 1999  
 Last Updated on STN: 11 Jan 1999

L2 ANSWER 15 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8  
 AN 1997:525836 CAPLUS  
 DN 127:204001  
 TI Binding of .beta.-amyloid protein by an advanced glycation end-product  
 receptor and possible treatment of Alzheimer's disease  
 IN Stern, David; Schmidt, Ann Marie; Yan, Shi Du  
 PA Trustees of Columbia University, USA  
 SO PCT Int. Appl., 91 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9726913	A1	19970731	WO 1997-US857	19970121
	W: AU, CA, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9718327	A1	19970820	AU 1997-18327	19970121
PRAI	US 1996-592070		19960126		
	WO 1997-US857		19970121		

L2 ANSWER 16 OF 66 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 9  
 AN 1997:114030 BIOSIS  
 DN PREV199799413233  
 TI The putative blood-brain barrier transporter for the \*\*\*beta\*\*\* -  
 \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* apolipoprotein J is  
 saturated at physiological concentrations.  
 AU Shayo, Marcos; McLay, Robert N.; Kastin, Abba J.; Banks, William A.  
 [Reprint author]  
 CS Dep. Med., VA Med. Cent., 1601 Perdido St., New Orleans, LA 70146, USA  
 SO Life Sciences, (1997) Vol. 60, No. 7, pp. PL115-PL118.  
 CODEN: LIFSAK. ISSN: 0024-3205.  
 DT Article  
 LA English  
 ED Entered STN: 10 Mar 1997  
 Last Updated on STN: 10 Mar 1997

L2 ANSWER 17 OF 66 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.  
 on STN  
 AN 1997056594 ESBIIOBASE  
 TI The putative blood-brain barrier transporter for the . \*\*\*beta\*\*\* .-  
 \*\*\*amyloid\*\*\* \*\*\*binding\*\*\* \*\*\*protein\*\*\* apolipoprotein J is  
 saturated at physiological concentrations  
 AU Shayo M.; McLay R.N.; Kastin A.J.; Banks W.A.  
 CS W.A. Banks, Department of Medicine, VA Medical Center, 1601 Perdido St.,  
 New Orleans, LA 70146, United States.  
 SO Life sciences, (1997), 60/7 (PL-115-PL-118), 11 reference(s)

CODEN: LIFSAK ISSN: 0024-3205  
PUI S0024320596006856  
DT Journal; Article  
CY United States  
LA English  
SL English

L2 ANSWER 18 OF 66 LIFESCI COPYRIGHT 2004 CSA on STN  
AN 97:1556 LIFESCI  
TI Relative efficacies of amyloid beta peptide (A beta ) binding proteins  
in A beta aggregation  
AU Webster, S.; Rogers, J.\*  
CS Sun Health Res. Inst., 10515 West Santa Fe Dr., P.O. Box 1278, Sun City,  
AZ 85372, USA  
SO J. NEUROSCI. RES., (1996) vol. 46, no. 1, pp. 58-66.  
ISSN: 0360-4012.  
DT Journal  
FS N3  
LA English  
SL English

L2 ANSWER 19 OF 66 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:596739 CAPLUS  
DN 123:53144  
TI Amyloid .beta. binding proteins in vitro and in normal human cerebrospinal  
fluid  
AU Golabek, Adam; Marques, Marcos A.; Lalowski, Maciej; Wisniewski, Thomas  
CS Department of Pathology, New York University Medical Center, 550 First  
Avenue TH 427, New York, NY, 10016, USA  
SO Neuroscience Letters (1995), 191(1,2), 79-82  
CODEN: NELED5; ISSN: 0304-3940  
PB Elsevier  
DT Journal  
LA English

L2 ANSWER 20 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAY32239 Protein DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
CR N-PSDB: AAZ34663  
DESC Alzheimer-associated \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\*  
\*\*\*protein\*\*\* (ERAB).

L2 ANSWER 21 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34702 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 5'RACE primer P3.

L2 ANSWER 22 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34701 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English

OS 2000-052699 [04]  
DESC ERAB 5'RACE primer P2.

L2 ANSWER 23 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34700 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 5'RACE primer P1.

L2 ANSWER 24 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34699 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 3'RACE primer #45.

L2 ANSWER 25 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34698 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 3'RACE primer #42.

L2 ANSWER 26 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34697 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 3'RACE primer R2.

L2 ANSWER 27 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34696 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC ERAB 3'RACE primer R1.

L2 ANSWER 28 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34695 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to

detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D26 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 29 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34694 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D25 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 30 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34693 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D24 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 31 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34692 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D23 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 32 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34691 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D22 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 33 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34690 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417

DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D21 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 34 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34689 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D20 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 35 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34688 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D19 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 36 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34687 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D18 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 37 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34686 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D17 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 38 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34685 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D16 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 39 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAZ34684 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D15 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 40 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34683 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D14 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 41 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34682 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D13 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 42 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34681 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D12 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 43 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34680 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D11 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 44 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34679 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p

AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D10 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 45 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34678 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D9 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 46 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34677 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D8 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 47 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34676 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D7 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 48 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34675 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D6 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 49 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34674 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC D5 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 50 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34673 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D4 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 51 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34672 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D3 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 52 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34671 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D2 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 53 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34670 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC D1 randomer used in DDRT-PCR identification of ERAB.

L2 ANSWER 54 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34669 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
 PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
 PI WO 9954347 A2 19991028 40p  
 AI WO 1999-EP2610 19990419  
 PRAI US 1998-82257 19980417  
 DT Patent  
 LA English  
 OS 2000-052699 [04]  
 DESC C3 3' clamp-primer used in DDRT-PCR identification of ERAB.

L2 ANSWER 55 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ34668 DNA DGENE  
 TI Novel differential display reverse transcription PCR method used to  
 detect genes expressed in mutant tissues -  
 IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C

PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC A3 3' clamp-primer used in DDRT-PCR identification of ERAB.

L2 ANSWER 56 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34667 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC G3 3' clamp-primer used in DDRT-PCR identification of ERAB.

L2 ANSWER 57 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34666 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC RT primer C0 used in DDRT-PCR identification of ERAB.

L2 ANSWER 58 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34665 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC RT primer A0 used in DDRT-PCR identification of ERAB.

L2 ANSWER 59 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34664 DNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English  
OS 2000-052699 [04]  
DESC RT primer G0 used in DDRT-PCR identification of ERAB.

L2 ANSWER 60 OF 66 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ34663 CDNA DGENE  
TI Novel differential display reverse transcription PCR method used to  
detect genes expressed in mutant tissues -  
IN Ivell R; Spiess A; Balvers M; Jaehner D; Hansis C  
PA (HORM-N) INST HORMON & FORTPFLANZUNGSFORSCHUNG GM.  
PI WO 9954347 A2 19991028 40p  
AI WO 1999-EP2610 19990419  
PRAI US 1998-82257 19980417  
DT Patent  
LA English

OS 2000-052699 [04]  
CR P-PSDB: AAY32239  
DESC Alzheimer-associated \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* \*\*\*binding\*\*\*  
\*\*\*protein\*\*\* (ERAB) cDNA.

L2 ANSWER 61 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BU917101 GenBank (R)  
GenBank ACC. NO. (GBN): BU917101  
GenBank VERSION (VER): BU917101.1 GI:45825494  
SEQUENCE LENGTH (SQL): 605  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Expressed sequence tag  
DATE (DATE): 30 Mar 2004  
DEFINITION (DEF): EST043 Bovine Lambda Zap Express corpus luteum cDNA  
library Bos taurus cDNA clone clr\_003\_g06 5' similar to  
\*\*\*Beta\*\*\* \*\*\*amyloid\*\*\* \*\*\*binding\*\*\*  
\*\*\*protein\*\*\* precursor, mRNA sequence.

KEYWORDS (ST): EST  
SOURCE: Bos taurus (cow)  
ORGANISM (ORGN): Bos taurus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Cetartiodactyla;  
Ruminantia; Pecora; Bovidae; Bovinae; Bos

COMMENT:

Contact: Casey OC  
Animal Reproduction Department  
Teagasc, Agriculture and Food Development Authority  
Galway, Ireland  
Tel: 00353 91 845845  
Fax: 00353 91 845847  
Email: ocasey@athenry.teagasc.ie  
Insert Length: 605 Std Error: 0.00  
Plate: corpus luteum rare plate 3 row: g column: 06  
Seq primer: M13 reverse primer = caggaaacagctatgacc  
High quality sequence stop: 605  
POLYA=No.

REFERENCE: 1 (bases 1 to 605)  
AUTHOR (AU): Casey,O.M.; Fitzpatrick,R.; McInerney,J.; Powell,R.;  
Sreenan,J.M.  
TITLE (TI): A molecular survey of gene expression in bovine corpus  
luteum tissue using expressed sequence tags  
JOURNAL (SO): Unpublished (2002)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..605	/organism="Bos taurus" /mol-type="mRNA" /db-xref="taxon:9913" /clone="clr-003-g06" /sex="Female" /tissue-type="Corpus luteum" /dev-stage="Day 6, 8 and 14 of the oestrus cycle" /clone-lib="Bovine Lambda Zap Express corpus luteum cDNA library" /note="Organ: Corpus luteum; Vector: Lambda ZAP Express; Site-1: EcoRI; Site-2: XhoI; A bovine corpus luteum cDNA library was constructed using the Lambda Zap Express/Gigapack cloning kit (Stratagene cloning systems). cDNA synthesis was carried out using an oligo-(dT) primer for the reverse transcription of 5(g of mRNA and the library was constructed by directional cloning EcoRI-XhoI based on manufacturers instructions. An insert:vector ligation ratio of 1:5 was chosen as most optimum. The lambda library was packaged with Gigapack III gold packaging

extracts and plated on the E.  
coli cell line XL1-Blue MRF'."

SEQUENCE (SEQ):

```
1  ggccggtccc cagtatggcg gccgcctgtc cctgcaggcc gattgctccc gatactgctg
61  ccgcccggct cctgggtgcc ctgtgggttcg tatcagtcac cactggacct tggggagctg
121 ctgccggggg tggcgaagaa acacttaagt gcgaggacct caaagtggga caatataatt
181 gtaaagatcc aaaaataaat gatgctacac aagaaccagt taactgtaca aactacacag
241 cttatgttca gtgtttttcca gcacctaaca taacttgtaa ggattttggt ggcaacgaaa
301 cacattttac tggaaacgaa gttggttttc tcaagcctat atcttgccga aatgtgaatg
361 gctattcata caaggtggcg gttgcactgt ctcttttcct tggatggttg ggagcagatc
421 gattttacct tggataccct gccttgggtt tggttaaagt ttgcactgtg gggttttgtg
481 gaattgggag cctaattgat ttcattctta tttcaatgca gattgttga ccttcagatg
541 gaagtagtta cattatagat tactatggaa ccagacttac aagactgagt attaccaatg
601 agaca
```

L2 ANSWER 62 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BC048995 GenBank (R)  
GenBank ACC. NO. (GBN): BC048995  
GenBank VERSION (VER): BC048995.1 GI:28981340  
CAS REGISTRY NO. (RN): 503709-89-5  
SEQUENCE LENGTH (SQL): 982  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): High-Throughput CDNA Sequencing  
DATE (DATE): 26 Mar 2004  
DEFINITION (DEF): Homo sapiens \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\*  
\*\*\*binding\*\*\* \*\*\*protein\*\*\* precursor, mRNA (cDNA  
clone IMAGE:5261702).  
KEYWORDS (ST): HTC  
SOURCE: Homo sapiens (human)  
ORGANISM (ORGN): Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
Hominidae; Homo

COMMENT:

Contact: MGC help desk  
Email: cgapbs-r@mail.nih.gov  
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.  
cDNA Library Preparation: Michael J. Brownstein (NHGRI) & Shiraki  
Toshiyuki and Piero Carninci (RIKEN)  
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
DNA Sequencing by: Institute for Systems Biology  
<http://www.systemsbiology.org>  
contact: amadan@systemsbiology.org  
Anup Madan, Jessica Fahey, Erin Helton, Mark Ketteman, Anuradha  
Madan, Stephanie Rodrigues, Amy Sanchez and Michelle Whiting  
Clone distribution: MGC clone distribution information can be found  
through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>  
Series: IRAK Plate: 106 Row: h Column: 9  
This clone was selected for full length sequencing because it  
passed the following selection criteria: matched mRNA gi: 7019328  
This clone has the following problem: no 5' EST match.

REFERENCE:

1 (bases 1 to 982)  
AUTHOR (AU): Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.;  
Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.;  
Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.;  
Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.;  
Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.;  
Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.;  
Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.;  
Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.;  
Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.;  
Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.;  
Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.;  
Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.;  
Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.;  
Villalon,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.;  
Gibbs,R.A.; Fahey,J.; Helton,E.; Ketteman,M.; Madan,A.;  
Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.;  
Young,A.C.; Shevchenko,Y.; Bouffard,G.G.;  
Blakesley,R.W.; Touchman,J.W.; Green,E.D.;  
Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.;  
Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.;  
Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.;  
Jones,S.J.; Marra,M.A.

TITLE (TI): Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences  
 JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903 (2002)  
 OTHER SOURCE (OS): CA 138:84319  
 REFERENCE: 2 (bases 1 to 982)  
 AUTHOR (AU): Strausberg, R.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (17-MAR-2003) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..982	/organism="Homo sapiens" /mol-type="mRNA" /db-xref="taxon:9606" /clone="IMAGE:5261702" /tissue-type="Brain, hippocampus" /clone-lib="NIH-MGC-95" /lab-host="DH10B" /note="Vector: pBluescript"

SEQUENCE (SEQ):

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1 gtaagtgtcg gtctccaaga tggcgccgc ctggccgtct ggtccgtctg ctccggaggc
61 cgtgacggcc agactcggtg gtgtcctgtg gttcgtctca gtcactacag gaccctgggg
121 ggctgttgcc acctccgccg ggggcgagga gtcgcttaag tgcgaggacc tcaaagtggg
181 acaatatatt tgtaaagatc caaaaataaa tgacgctacg caagaaccag ttaactgtac
241 aaactataca gctcatgttt cctgttttcc agcacacaac ataacttgta aggattccag
301 tggcaatgaa acacatttta ctgggaacga agttggtttt ttcaagccca tatcttgccg
361 aaatgtaaat ggctattcct acaaagtggc agtagcattg tctcttttcc ttggatgggt
421 gggagcagat cgattttacc ttggataccc tgctttgggt ttgttaaagt ttgcaactgt
481 agggttttgt ggaattggga gcctaattga ttcatctctt atttcaatgc agattgttgg
541 accttcagat ggaagttagt acattataga ttactaagga accagactta caagactgag
601 tattactaat gaaacattta gaaaacgca attatatcca taaatatttt ttaaaaagaaa
661 cagatttgag cctccttgat ttaatatagag aacttctagt gtatggattt aaagggttct
721 ctttttcatt catataccat tttatgagtt ctgtataatt tttgtgggtt tttgttttgt
781 tgagttaaag tatattattg tgagatttat ttaataggac ttcctttgaa agctgtataa
841 tagtgtttct cgggcttctg tctctatgag agatagctta ttactctgat actctttaat
901 cttttacaaa ggcaagtgc cacttgtcat ttttgtttct gaaaaataaa agtataactt
961 attcacaaaa aaaaaaaaaa aa
  
```

L2 ANSWER 63 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BC029486 GenBank (R)  
 GenBank ACC. NO. (GBN): BC029486  
 GenBank VERSION (VER): BC029486.1 GI:20809565  
 CAS REGISTRY NO. (RN): 424054-07-9  
 SEQUENCE LENGTH (SQL): 984  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 6 Oct 2003  
 DEFINITION (DEF): Homo sapiens \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\*  
 \*\*\*binding\*\*\* \*\*\*protein\*\*\* precursor, mRNA (cDNA  
 clone MGC:32941 IMAGE:5271098), complete cds.

KEYWORDS (ST): MGC  
 SOURCE: Homo sapiens (human)  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo

NUCLEIC ACID COUNT (NA): 274 a 174 c 206 g 330 t

COMMENT:

Contact: MGC help desk  
 Email: cgapbs-r@mail.nih.gov  
 Tissue Procurement: Miklos Palkovits, M.D., Ph.D.  
 cDNA Library Preparation: Michael J. Brownstein (NHGRI) & Shiraki  
 Toshiyuki and Piero Carninci (RIKEN)  
 cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
 DNA Sequencing by: Sequencing Group at the Stanford Human Genome  
 Center, Stanford University School of Medicine, Stanford, CA 94305  
 Web site: <http://www-shgc.stanford.edu>  
 Contact: (Dickson, Mark) mcd@paxil.stanford.edu  
 Dickson, M., Schmutz, J., Grimwood, J., Rodriguez, A., and Myers,

R. M.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>

Series: IRAK Plate: 48 Row: b Column: 24

This clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 17738309.

REFERENCE: 1 (bases 1 to 984)  
AUTHOR (AU): Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.; Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.; Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.; Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.; Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.; Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.; Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.; Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.; Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.; Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.; Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.; Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.; Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.; Villalón,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.; Gibbs,R.A.; Fahey,J.; Helton,E.; Kettelman,M.; Madan,A.; Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.; Young,A.C.; Shevchenko,Y.; Bouffard,G.G.; Blakesley,R.W.; Touchman,J.W.; Green,E.D.; Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.; Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.; Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.; Jones,S.J.; Marra,M.A.  
TITLE (TI): Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences  
JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903 (2002)  
OTHER SOURCE (OS): CA 138:84319  
REFERENCE: 2 (bases 1 to 984)  
AUTHOR (AU): Strausberg,R.  
TITLE (TI): Direct submission  
JOURNAL (SO): Submitted (01-MAY-2002) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..984	/organism="Homo sapiens" /mol-type="mRNA" /db-xref="taxon:9606" /clone="MGC:32941 IMAGE:5271098" /tissue-type="Testis" /clone-lib="NIH-MGC-97" /lab-host="DH10B" /note="Vector: pBluescript"
gene	1..984	/gene="BBP" /db-xref="LocusID:83941"
CDS	22..645	/codon-start=1 /product="beta-amyloid binding protein precursor" /protein-id="AAH29486.1" /db-xref="GI:20809566" /db-xref="LocusID:83941" /translation="MAAAWPSGPSAPEAVTARLV GVLWFVSVTTGPWGAVATSAGGEE SLKCEDLKVGQYICKDPKINDATQEPVNCTNYTA HVSCFPAPNITCKDSSGNETHFTG NEVGFFKPISCRNVNGYSYKVAVALSLFLGWLGA DRFYLGYPALGLLKCTVGFCEGIG SLIDFILISMQIVGPSDGSSYIIDYYGTRLRLS ITNETFRKTQLYP"
misc-feature	385..525	/note="XynA; Region: Predicted membrane protein [Function unknown]" /db-xref="CDD:COG2314"

SEQUENCE (SEQ):

1 gagaaagtgt cggctctccaa gatggcggcc gcctggccgt ctggtccgtc tgctccggag

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61 gccgtgacgg ccagactcgt tgggtgtcctg tgggttcgtct cagtcactac aggaccctgg
121 ggggctgttg ccacctccgc cgggggagag gagtcgctta agtgcgagga cctcaaagtg
181 ggacaatata tttgtaaaga tccaaaaata aatgacgcta cgcaagaacc agttaactgt
241 acaaaactaca cagctcatgt ttcctgtttt ccagcaccca acataacttg taaggattcc
301 agtggcaatg aaacacattt tactgggaac gaagttgggt ttttcaagcc catatcttgc
361 cgaaatgtaa atggctattc ctacaaagtg gcagtcgcat tgtctctttt tcttggatgg
421 ttgggagcag atcgatttta ccttggtatc cctgcttttg gtttgtaaaa gttttgcact
481 gtaggggttt gtggaattgg gagcctaatt gatttcattc ttatttcaat gcagattgtt
541 ggaccttcag atggaagtag ttacattata gattactatg gaaccagact tacaagactg
601 agtattacta atgaaacatt tagaaaaacg caattatata cataaatatt ttttaaaaga
661 aacagatttg agcctccttg attttaatat agaacttcta gtgtatggat ttaaagattt
721 ctctttttca ttcataatcc attttatgag ttctgtataa tttttgtgg tttttgtttt
781 gttgagttaa agtatattat tgtgagattt atttaatagg acttcctttg aaagctgtat
841 aatagtgttt ctcgggcttc tgtctctatg agagatagct tattactctg atactcttta
901 atcttttaca aaggcaagtt gccacttgtc atttttgttt ctgaaaaata aaagtataac
961 ttattcacaa aaaaaaaaaa aaaa

```

L2 ANSWER 64 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF353993 GenBank (R)  
 GenBank ACC. NO. (GBN): AF353993  
 GenBank VERSION (VER): AF353993.1 GI:13625464  
 CAS REGISTRY NO. (RN): 331707-73-4  
 SEQUENCE LENGTH (SQL): 630  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Rodents  
 DATE (DATE): 29 May 2001  
 DEFINITION (DEF): Mus musculus \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\*  
 \*\*\*binding\*\*\* \*\*\*protein\*\*\* (Bbp) mRNA, complete  
 cds.  
 SOURCE: house mouse.  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 163 a 140 c 158 g 169 t  
 REFERENCE: 1 (bases 1 to 630)  
 AUTHOR (AU): Kajkowski,E.M.; Lo,C.F.; Ning,X.; Walker,S.;  
 Sofia,H.J.; Wang,W.; Edris,W.; Chanda,P.; Wagner,E.;  
 Vile,S.; Ryan,K.; McHendry-Rinde,B.; Smith,S.C.;  
 Wood,A.; Rhodes,K.J.; Kennedy,J.D.; Bard,J.;  
 Jacobsen,J.S.; Ozenberger,B.A.  
 TITLE (TI): beta -Amyloid peptide-induced apoptosis regulated by a  
 novel protein containing a g protein activation module  
 J. Biol. Chem., 276 (22), 18748-18756 (2001)  
 JOURNAL (SO): CA 136:114418  
 OTHER SOURCE (OS):  
 REFERENCE: 2 (bases 1 to 630)  
 AUTHOR (AU): Ozenberger,B.A.; Howland,D.S.; Lo,C.F.; She,Y.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (27-FEB-2001) wyeth Neuroscience, CN 8000,  
 Princeton, NJ 08543, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..630	/organism="Mus musculus" /strain="BALB/c" /db-xref="taxon:10090"
gene	1..630	/gene="Bbp"
CDS	4..630	/gene="Bbp" /note="integral membrane glycoprotein" /codon-start=1 /product="beta-amyloid binding protein" /protein-id="AAK35067.1" /db-xref="GI:13625465" /translation="MAAAWPAGRASPAAGPPGLL RTLWLVTVAAGHCGAAASGAVGGE ETPKCEDLRVGQYICKEPKINDATQEPVNCTNYT AHVQCFPAPKITCKDLSGNETHFT GSEVGFLKPISCRNVNGYSYKVAVALSLFLGWLG ADRFYLGYPALGLLKFCYVGFCCI GSLIDFILISMQIVGPSDGSSYIIDYYGTRLTRL SITNETFRKTQLYP" /gene="Bbp"
misc-feature	349..414	

misc-feature 457..528 /note="Region: transmembrane domain"  
/gene="Bbp"  
/note="Region: transmembrane domain"

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121 gctgtcgggg gcgaggagac acccaagtgt gaggacctca ggggtgggaca atatatttgt
181 aaagaaccaa aaataaatga tgctacgcaa gaaccagtta attgtacaaa ctacacagct
241 catgttcaat gttttccagc acccaaaaata acttgtaagg atttgagtgg taatgaaaca
301 cattttactg gaagtgaagt cggttttctc aagcccatat cttgccgaaa tgtgaatggc
361 tattcgtaca aagtggcagt tgcattatct ctctttttgg gatggctggg agcagatcga
421 ttttacctcg gatatcctgc cttaggcttg ttaaaatttt gcaccgtagg attttgcgga
481 attgggagcc taattgattt cattcttatt tcaatgcaga ttgttgacc ttcagatgga
541 agtagttaca ttatagacta ttatggaacc aggccttaca gactcagcat tactaatgaa
601 acatttagaa aaaccagct gtaccataa
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L2 ANSWER 65 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF353990 GenBank (R)  
GenBank ACC. NO. (GBN): AF353990  
GenBank VERSION (VER): AF353990.1 GI:13625458  
CAS REGISTRY NO. (RN): 331707-70-1  
SEQUENCE LENGTH (SQL): 1246  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Primates  
DATE (DATE): 29 May 2001  
DEFINITION (DEF): Homo sapiens \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\*  
\*\*\*\*binding\*\*\*\* \*\*\*\*protein\*\*\*\* precursor (BBP) mRNA,  
complete cds.  
SOURCE:  
ORGANISM (ORGN): Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
Hominidae; Homo  
NUCLEIC ACID COUNT (NA): 318 a 255 c 283 g 390 t  
REFERENCE:  
1 (bases 1 to 1246)  
AUTHOR (AU): Kajkowski,E.M.; Lo,C.F.; Ning,X.; Walker,S.;  
Sofia,H.J.; Wang,W.; Edris,W.; Chanda,P.; Wagner,E.;  
Vile,S.; Ryan,K.; McHendry-Rinde,B.; Smith,S.C.;  
Wood,A.; Rhodes,K.J.; Kennedy,J.D.; Bard,J.;  
Jacobsen,J.S.; Ozenberger,B.A.  
TITLE (TI): beta -Amyloid peptide-induced apoptosis regulated by a  
novel protein containing a g protein activation module  
J. Biol. Chem., 276 (22), 18748-18756 (2001)  
JOURNAL (SO): J. Biol. Chem., 276 (22), 18748-18756 (2001)  
OTHER SOURCE (OS): CA 136:114418  
REFERENCE:  
2 (bases 1 to 1246)  
AUTHOR (AU): Ozenberger,B.A.; Kajkowski,E.; Jacobsen,J.S.; Bard,J.;  
Walker,S.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (27-FEB-2001) Wyeth Neuroscience, CN 8000,  
Princeton, NJ 08543, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1246	/organism="Homo sapiens" /db-xref="taxon:9606" /chromosome="1"
gene	1..1246	/gene="BBP"
CDS	304..927	/gene="BBP" /note="membrane-associated glycoprotein" /codon-start=1 /product="beta-amyloid binding protein precursor" /protein-id="AAK35064.1" /db-xref="GI:13625459" /translation="MAAAWPSGPSAPEAVTARLV GVLWFSVTTGPWGAVATSAGGEE SLKCEDLKVGQYICKDPKINDATQEPVNCTNYTA HVSCFPAPNITCKDSSGNETHFTG NEVGFFKPISCRNVNGYSYKVAVALSLFLGWLGA DRFYLGYPALGLLKFACTVGFCIGI"

sig-peptide 304..414  
misc-feature 646..711  
  
misc-feature 751..825

SLIDFILISMQIVGPSDGSSYIIDYYGTRLRLS  
ITNETFRKTQLYP"  
/gene="BBP"  
/gene="BBP"  
/note="Region: transmembrane  
domain"  
/gene="BBP"  
/note="Region: transmembrane  
domain"

SEQUENCE (SEQ):

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1 agcgggtgaa gcacctgatt gcctaaacca ctcgtttcct tcctccagca ctcaaagatt
61 aaccttagct ccttccaagg gttcgtgggg gaaaattcgc ctcgaggac tgggtacatg
121 catattttaa aagggtctcc caatgtgatt ccacgggctc acgggcagaa gaacacgcga
181 agagacggaa ctggcctcta tcctatgcga ggtcccttta agaacctcgc cctgttgccc
241 ttctccctcc cgctcctggg cggaggcgga agcggaagt gcgagaaagt gtcggtctcc
301 aagatggcgg ccgcctggcg gtctgttccg tctgtcctcg aggccgtgac ggccagactc
361 gttggtgtcc tgtggttcgt ctacgtcact acaggaccct ggggggctgt tgccacctcc
421 gccggggcgg aggagtcgct taagtgcgag gacctcaaag tgggacaata tatttgtaaa
481 gatccaaaaa taaatgacgc tacgcaagaa ccagttaact gtacaaacta cacagctcat
541 gtttcctggt ttccagcacc caacataact tgtaaggatt ccagtggcaa tgaaacacat
601 tttactggga acgaagttgg ttttttcaag cccatatctt gccgaaatgt aaatggctat
661 tcctacaaag tggcagtcgc attgtctctt tttcttggat ggttgggagc agatcgattt
721 taccttggat accctgcttt gggtttggta aagttttgca ctgtagggtt ttgtggaatt
781 gggagcctaa ttgatttcat tcttatttca atgcagattg ttggaccttc agatggaagt
841 agttacatta tagattacta tgggaaccaga cttacaagac tgagtattac taatgaaaca
901 tttagaaaaa cgcaattata tccataaata tttttagaag aaacagattt gagcctcctt
961 gattttaata gagaacttct agtgtatgga tttaaagatt tctctttttc attcatatac
1021 cattttatga gtictgtata atttttgtgg tttttgtttt gttgagttaa agtatgttat
1081 tgtgagattt atttaaatgg acttcctttg aaagctgtat aatagtgttt ctcgggcctc
1141 tgtctctatg agagatagct tattactctg atactcttta atcttttaca aaggcaagtt
1201 gccacttgtc atttttgttt ctgaaaaata aaagtataac ttattc
```

L2 ANSWER 66 OF 66 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AK009511 GenBank (R)  
GenBank ACC. NO. (GBN): AK009511  
GenBank VERSION (VER): AK009511.1 GI:12844350  
CAS REGISTRY NO. (RN): 322110-52-1  
SEQUENCE LENGTH (SQL): 949  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): High-Throughput CDNA Sequencing  
DATE (DATE): 20 Sep 2003  
DEFINITION (DEF): Mus musculus adult male tongue cDNA, RIKEN full-length  
enriched library, clone:2310026L18 product: \*\*\*BETA\*\*\*  
- \*\*\*AMYLOID\*\*\* \*\*\*BINDING\*\*\* \*\*\*PROTEIN\*\*\* ,  
full insert sequence.  
KEYWORDS (ST): HTC; CAP trapper  
SOURCE: Mus musculus (house mouse)  
ORGANISM (ORGN): Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus  
NUCLEIC ACID COUNT (NA): 254 a 188 c 206 g 301 t  
COMMENT:

Please visit our web site (<http://genome.gsc.riken.go.jp/>) for  
further details.  
cDNA library was prepared and sequenced in Mouse Genome  
Encyclopedia Project of Genome Exploration Research Group in Riken  
Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
Division of Experimental Animal Research in Riken contributed to  
prepare mouse tissues. First strand cDNA was primed with a primer  
[5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTTTTTTTTTNN 3'], cDNA was  
prepared by using trehalose thermo-activated reverse transcriptase  
and subsequently enriched for full-length by cap-trapper. Second  
strand cDNA was prepared with the primer adapter of sequence [5'  
GAGAGAGAGATTCTCGAGTTAATTAATTAATCCCCCCCCCCCC 3']. cDNA was cleaved  
with XhoI and SstI. Cloning sites, 5' end: XhoI; 3' end: SstI.  
Host: SOLR.

REFERENCE: 1  
AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
TITLE (TI): High-efficiency full-length cDNA cloning  
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
OTHER SOURCE (OS): CA 131:318304  
REFERENCE: 2  
AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;

Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
Muramatsu,M.; Hayashizaki,Y.

TITLE (TI): Normalization and subtraction of cap-trapper-selected  
cDNAs to prepare full-length cDNA libraries for rapid  
discovery of new genes

JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)

OTHER SOURCE (OS): CA 134:305920

REFERENCE: 3

AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.;  
Nakamura,S.; Hazama,M.; Nishine,T.; Harada,A.;  
Yamamoto,R.; Matsumoto,H.; Sakaguchi,S.; Ikegami,T.;  
Kashiwagi,K.; Fujiwake,S.; Inoue,K.; Togawa,Y.;  
Izawa,M.; Ohara,E.; Watahiki,M.; Yoneda,Y.;  
Ishikawa,T.; Ozawa,K.; Tanaka,T.; Matsuura,S.;  
Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.;  
Hayashizaki,Y.

TITLE (TI): RIKEN integrated sequence analysis (RISA)  
system--384-format sequencing pipeline with 384  
multicapillary sequencer

JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)

OTHER SOURCE (OS): CA 134:203311

REFERENCE: 4

AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
Team; the FANTOM Consortium.

TITLE (TI): Functional annotation of a full-length mouse cDNA  
collection

JOURNAL (SO): Nature, 409, 685-690 (2001)

OTHER SOURCE (OS): CA 134:203311

REFERENCE: 5

AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
Research Group Phase I & II Team.

TITLE (TI): Analysis of the mouse transcriptome based on functional  
annotation of 60,770 full-length cDNAs

JOURNAL (SO): Nature, 420, 563-573 (2002)

OTHER SOURCE (OS): CA 138:131939

REFERENCE: 6 (bases 1 to 949)

AUTHOR (AU): Adachi,J.; Aizawa,K.; Akahira,S.; Akimura,T.; Arai,A.;  
Aono,H.; Arakawa,T.; Bono,H.; Carninci,P.; Fukuda,S.;  
Fukunishi,Y.; Furuno,M.; Hanagaki,T.; Hara,A.;  
Hayatsu,N.; Hiramoto,K.; Hiraoka,T.; Hori,F.;  
Imotani,K.; Ishii,Y.; Itoh,M.; Izawa,M.; Kasukawa,T.;  
Kato,H.; Kawai,J.; Kojima,Y.; Konno,H.; Kouda,M.;  
Koya,S.; Kurihara,C.; Matsuyama,T.; Miyazaki,A.;  
Nishi,K.; Nomura,K.; Numazaki,R.; Ohno,M.; Okazaki,Y.;  
Okido,T.; Owa,C.; Saito,H.; Saito,R.; Sakai,C.;  
Sakai,K.; Sano,H.; Sasaki,D.; Shibata,K.; Shibata,Y.;  
Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Suzuki,H.;  
Tagami,M.; Tagawa,A.; Takahashi,F.; Tanaka,T.;  
Tejima,Y.; Toya,T.; Yamamura,T.; Yasunishi,A.;  
Yoshida,K.; Yoshino,M.; Muramatsu,M.; Hayashizaki,Y.

TITLE (TI): Direct Submission

JOURNAL (SO): Submitted (10-JUL-2000) Yoshihide Hayashizaki, The  
Institute of Physical and Chemical Research (RIKEN),  
Laboratory for Genome Exploration Research Group, RIKEN  
Genomic Sciences Center (GSC), RIKEN Yokohama  
Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
Kanagawa 230-0045, Japan (E-mail:genome-  
res@gsc.riken.go.jp, URL:http://genome.gsc.riken.go.jp/  
, Tel:81-45-503-9222, Fax:81-45-503-9216)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..949	/organism="Mus musculus" /mol-type="mRNA" /strain="C57BL/6J" /db-xref="FANTOM-DB:2310026L18" /db-xref="MGI:1901731" /db-xref="taxon:10090" /clone="2310026L18" /sex="male" /tissue-type="tongue" /clone-lib="RIKEN full-length enriched mouse cDNA library"

misc-feature 1..949

/dev-stage="adult"  
/note="BETA-AMYLOID BINDING  
PROTEIN (SPTR|Q99MB3, evidence:  
FASTY, 96.6%ID, 99%length,  
match=603)"

SEQUENCE (SEQ):

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121 ctggcgctgt cgggggcgag gagacacca agtgtgagga cctcagggtg ggacaatata
181 tttgtaaaga accaaaaata aatgatgcta cgcaagaacc agttaattgt acaaactaca
241 cagctcatga acccaaaata acttgtaagg atttgagtgg taatgaaaca cttttactg
301 gaagtgaagt cggttttctc aagcccatat cttgccgaaa tgtgaatggc tattcgtaca
361 aagtggcagt tgcattatct ctctttttgg gatggctggg agcagatcga ttttacctcg
421 gatatcctgc cttaggcttg ttaaaatttt gcaccgtagg attttgcgga attgggagcc
481 taattgatit cattcttatt tcaatgcaga ttgttgacc ttcagatgga agtagttaca
541 ttatagacta ttatggaacc aggccttaca gactcagcat tactaatgaa acatttagaa
601 aaaccagct gtaccataa gtgttttaaa agataaacag atttgagcct ccctgatttc
661 aatcaagagc cctgtgtgtg gaattccaga tttttctttt cctttaatat cactttatgg
721 gttctagatg atgttttgac atgtgtctaa ctttgatttg ttgatttagt taaaatatac
781 tattcctaga tttatttaac agtctttctt aaaatcagta tactatttta gtggacttct
841 gtctctatga gacagctagt ccattactgt tactattgta taactgtcat gttctttaca
901 tgtcacttgt catttttatt tgtgaaaaat aaaaagataa tttattcac
```

=> S BBP OR BBP-fl

42 FILES SEARCHED...

L3 4086 BBP OR BBP-FL

=> DUP REM L3

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING IS APPROXIMATELY 29% COMPLETE FOR L3

PROCESSING IS APPROXIMATELY 64% COMPLETE FOR L3

PROCESSING IS APPROXIMATELY 98% COMPLETE FOR L3

PROCESSING COMPLETED FOR L3

L4 2511 DUP REM L3 (1575 DUPLICATES REMOVED)

=> S L4 AND beta-amyloid

21 FILES SEARCHED...

41 FILES SEARCHED...

60 FILES SEARCHED...

L5 105 L4 AND BETA-AMYLOID

=> D L5 1-105

L5 ANSWER 1 OF 105 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:426466 BIOSIS

DN PREV200300426466

TI \*\*\*beta\*\*\* - \*\*\*Amyloid\*\*\* peptide binding protein does not couple to G protein in a heterologous Xenopus expression system.

AU Lee, Yong; Chang, Deok-Jin; Lee, Yong-Seok; Chang, Keun-A.; Kim, Hyoung; Yoon, Jeung-Sook; Lee, Seungbok; Suh, Yoo-Hun; Kaang, Bong-Kiun [Reprint Author]

CS National Research Laboratory of Neurobiology, School of Biological Sciences, Seoul National University, Seoul, 110-799, South Korea  
kaang@snu.ac.kr

SO Journal of Neuroscience Research, (July 15 2003) Vol. 73, No. 2, pp. 255-259. print.

ISSN: 0360-4012 (ISSN print).

DT Article

LA English

ED Entered STN: 17 Sep 2003

Last updated on STN: 17 Sep 2003

L5 ANSWER 2 OF 105 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2001:378595 BIOSIS

DN PREV200100378595

TI \*\*\*beta\*\*\* - \*\*\*Amyloid\*\*\* peptide-induced apoptosis regulated by a novel protein containing a G protein activation module.

AU Kajkowski, Eileen M.; Lo, C. Frederick; Ning, Xiaoping; Walker, Stephen; Sofia, Heidi J.; Wang, Weiye; Edris, Wade; Chanda, Pranab; Wagner, Erik; Vile, Stacey; Ryan, Kevin; McHendry-Rinde, Barbara; Smith, Stanley C.; Wood, Andrew; Rhodes, Kenneth J.; Kennedy, Jeffrey D.; Bard, Jonathan;

CS Jacobsen, J. Steven; Ozenberger, Bradley A. [Reprint author]  
Wyeth Neuroscience, Wyeth-Ayerst Research, 865 Ridge Rd., CN 8000,  
Monmouth Junction, NJ, 08852, USA  
ozenbeb@war.wyeth.com  
SO Journal of Biological Chemistry, (June 1, 2001) Vol. 276, No. 22, pp.  
18748-18756. print.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
OS Genbank-AF353990; Genbank-AF353991; Genbank-AF353992; Genbank-AF353993  
ED Entered STN: 8 Aug 2001  
Last Updated on STN: 23 Feb 2002

L5 ANSWER 3 OF 105 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 2003-08577 BIOTECHDS  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease;  
vector-mediated recombinant protein gene transfer and expression in  
host cell for use in gene therapy  
AU OZENBERGER B A; BARD J A; KAJKOWSKI E M; JACOBSEN J S; WALKER S G; SOFIA  
H J; HOWLAND D S  
PA WYETH  
PI WO 2002090499 14 Nov 2002  
AI WO 2002-US14223 6 May 2002  
PRAI US 2001-852100 9 May 2001; US 2001-852100 9 May 2001  
DT Patent  
LA English  
OS WPI: 2003-120537 [11]

L5 ANSWER 4 OF 105 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 2000-09237 BIOTECHDS  
TI Novel G-protein coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice;  
recombinant \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide binding protein  
used to raise antibodies and in drug screening for compounds to treat  
and prevent apoptosis  
AU Ozenberger B A; Kajkowski E M; Lo C H  
PA American-Home-Prod.  
LO Madison, NJ, USA.  
PI WO 2000022125 20 Apr 2000  
PRAI -1 98-98US-10 13 Oct 1998  
DT Patent  
LA English  
OS WPI: 2000-317982 [27]

L5 ANSWER 5 OF 105 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 1999-03303 BIOTECHDS  
TI Polynucleotide encoding \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide binding  
protein;  
human recombinant \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* protein, antisense  
DNA, transgenic animal, etc., used for prevention, diagnosis, drug  
screening, therapy and gene therapy of e.g. Alzheimer disease  
AU Ozenberger B A; Kajkowski E M; Jacobsen J S; Bard J A; Walker S G  
PA American-Home-Prod.  
LO Madison, NJ, USA.  
PI WO 9846636 22 Oct 1998  
AI WO 1998-US7462 14 Apr 1998  
PRAI US 1997-64583 16 Apr 1997  
DT Patent  
LA English  
OS WPI: 1999-080736 [07]

L5 ANSWER 6 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAE33878 Protein DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114  
AI WO 2002-US14223 20020506

PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
CR N-PSDB: AAD51978  
DESC Human \*\*\*BBP\*\*\* -1 protein fragment.

L5 ANSWER 7 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAE33877 Protein DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
CR N-PSDB: AAD51940  
DESC Human \*\*\*BBP\*\*\* -1 protein.

L5 ANSWER 8 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAY70761 Protein DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
CR N-PSDB: AAZ52371  
DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein,  
BBP3.

L5 ANSWER 9 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAY70760 Protein DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
CR N-PSDB: AAZ52370  
DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein,  
BBP2.

L5 ANSWER 10 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAY70759 Protein DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
CR N-PSDB: AAZ52369  
DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein,  
BBP1.

L5 ANSWER 11 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW94291 Protein DGENE  
 TI Polynucleotide encoding \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide binding protein - used to identify inhibitors of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide for treating Alzheimer's disease  
 IN Bard J A; Jacobsen J S; Kajkowski E M; Ozenberger B A; Walker S G  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 9846636 A2 19981022 59p  
 AI WO 1998-US7462 19980414  
 PRAI US 1997-64583 19970416  
 DT Patent  
 LA English  
 OS 1999-080736 [07]  
 CR N-PSDB: AAX05735  
 DESC Human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein ( \*\*\*\*BBP\*\*\*\* ).

L5 ANSWER 12 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51979 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 genomic DNA.

L5 ANSWER 13 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51978 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 CR P-PSDB: AAE33878  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 DNA fragment.

L5 ANSWER 14 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51977 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 cDNA amplifying PCR primer #9.

L5 ANSWER 15 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51976 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia

H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 cDNA amplifying PCR primer #8.

L5 ANSWER 16 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51975 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 cDNA amplifying PCR primer #7.

L5 ANSWER 17 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51974 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 cDNA amplifying PCR primer #6.

L5 ANSWER 18 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51973 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human \*\*\*\*BBP\*\*\*\* -1 cDNA amplifying PCR primer #5.

L5 ANSWER 19 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51972 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\*\* - \*\*\*\*amyloid\*\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]

DESC Human \*\*\*BBP\*\*\* -1 cDNA amplifying PCR primer #4.

L5 ANSWER 20 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD51971 DNA DGENE

TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S

PA (AMHP) WYETH.

PI WO 2002090499 A2 20021114 85p

AI WO 2002-US14223 20020506

PRAI US 2001-852100 20010509

DT Patent

LA English

OS 2003-120537 [11]

DESC Human \*\*\*BBP\*\*\* -1 cDNA amplifying PCR primer #3.

L5 ANSWER 21 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD51970 DNA DGENE

TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S

PA (AMHP) WYETH.

PI WO 2002090499 A2 20021114 85p

AI WO 2002-US14223 20020506

PRAI US 2001-852100 20010509

DT Patent

LA English

OS 2003-120537 [11]

DESC BBP1 DNA specific PCR primer #14.

L5 ANSWER 22 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD51969 DNA DGENE

TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S

PA (AMHP) WYETH.

PI WO 2002090499 A2 20021114 85p

AI WO 2002-US14223 20020506

PRAI US 2001-852100 20010509

DT Patent

LA English

OS 2003-120537 [11]

DESC BBP1 DNA specific PCR primer #13.

L5 ANSWER 23 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD51968 DNA DGENE

TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S

PA (AMHP) WYETH.

PI WO 2002090499 A2 20021114 85p

AI WO 2002-US14223 20020506

PRAI US 2001-852100 20010509

DT Patent

LA English

OS 2003-120537 [11]

DESC Human \*\*\*BBP\*\*\* -1 cDNA amplifying PCR primer #2.

L5 ANSWER 24 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD51967 DNA DGENE

TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 cDNA amplifying PCR primer #1.

L5 ANSWER 25 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51966 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #7.

L5 ANSWER 26 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51965 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #6.

L5 ANSWER 27 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51964 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #5.

L5 ANSWER 28 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51963 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English

OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #4.

L5 ANSWER 29 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51962 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #3.

L5 ANSWER 30 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51961 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #2.

L5 ANSWER 31 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51960 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human \*\*\*BBP\*\*\* -1 DNA specific PCR primer #1.

L5 ANSWER 32 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51959 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC Human BAP DNA specific PCR primer #2.

L5 ANSWER 33 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51958 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's

disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC Human BAP DNA specific PCR primer #1.

L5 ANSWER 34 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51957 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #12.

L5 ANSWER 35 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51956 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #11.

L5 ANSWER 36 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51955 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #10.

L5 ANSWER 37 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51954 DNA DGENE  
 TI New human \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide-binding protein,  
 useful for diagnosing and/or treating diseases associated with aberrant  
 expression of \*\*\*\*beta\*\*\* - \*\*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
 disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
 H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent

LA English  
OS 2003-120537 [11]  
DESC BBP1 DNA specific PCR primer #9.

L5 ANSWER 38 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51953 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC BBP1 DNA specific PCR primer #8.

L5 ANSWER 39 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51952 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC BBP1 DNA specific PCR primer #7.

L5 ANSWER 40 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51951 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC BBP1 DNA specific PCR primer #6.

L5 ANSWER 41 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51950 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC BBP1 DNA specific PCR primer #5.

L5 ANSWER 42 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51949 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant

expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #4.

L5 ANSWER 43 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51948 DNA DGENE  
 TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #3.

L5 ANSWER 44 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51947 DNA DGENE  
 TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #2.

L5 ANSWER 45 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51946 DNA DGENE  
 TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509  
 DT Patent  
 LA English  
 OS 2003-120537 [11]  
 DESC BBP1 DNA specific PCR primer #1.

L5 ANSWER 46 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAD51945 DNA DGENE  
 TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein, useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -  
 IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
 PA (AMHP) WYETH.  
 PI WO 2002090499 A2 20021114 85p  
 AI WO 2002-US14223 20020506  
 PRAI US 2001-852100 20010509

DT Patent  
LA English  
OS 2003-120537 [11]  
DESC \*\*\*BBP\*\*\* DNA amplifying PCR primer #5.

L5 ANSWER 47 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51944 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC \*\*\*BBP\*\*\* DNA amplifying PCR primer #4.

L5 ANSWER 48 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51943 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC \*\*\*BBP\*\*\* DNA amplifying PCR primer #3.

L5 ANSWER 49 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51942 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC \*\*\*BBP\*\*\* DNA amplifying PCR primer #2.

L5 ANSWER 50 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51941 DNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,  
useful for diagnosing and/or treating diseases associated with aberrant  
expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's  
disease -  
IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia  
H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
DESC \*\*\*BBP\*\*\* DNA amplifying PCR primer #1.

L5 ANSWER 51 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAD51940 cDNA DGENE  
TI New human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein,

useful for diagnosing and/or treating diseases associated with aberrant expression of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide, e.g. Alzheimer's disease -

IN Ozenberger B A; Bard J A; Kajkowski E M; Jacobsen J S; Walker S G; Sofia H J; Howland D S  
PA (AMHP) WYETH.  
PI WO 2002090499 A2 20021114 85p  
AI WO 2002-US14223 20020506  
PRAI US 2001-852100 20010509  
DT Patent  
LA English  
OS 2003-120537 [11]  
CR P-PSDB: AAE33877  
DESC Human \*\*\*BBP\*\*\* -1 cDNA.

L5 ANSWER 52 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52409 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Primer to mutate 'DRF' motif of BBP2 DNA.

L5 ANSWER 53 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52408 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Primer-2 to mutate 'DRF' motif of BBP1 DNA.

L5 ANSWER 54 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52407 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Primer-1 to mutate 'DRF' motif of BBP1 DNA.

L5 ANSWER 55 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52406 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Minus strand PCR primer to amplify BBP3 DNA from plasmid pOZ350.

L5 ANSWER 56 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAZ52405 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Plus strand PCR primer to amplify BBP3 DNA from plasmid poZ350.

L5 ANSWER 57 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52404 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Minus strand PCR primer to amplify BBP2 DNA from plasmid poZ359.

L5 ANSWER 58 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52403 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Plus strand PCR primer to amplify BBP2 DNA from plasmid poZ359.

L5 ANSWER 59 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52402 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Minus strand PCR primer to amplify BBP1 DNA from plasmid pBBP1-f1.

L5 ANSWER 60 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52401 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Plus strand PCR primer to amplify BBP1 DNA from plasmid pBBP1-f1.

L5 ANSWER 61 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52400 DNA DGENE

TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC G-alphaI2 (Gai2) specific antisense PCR primer.

L5 ANSWER 62 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52399 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC G-alphaI2 (Gai2) specific sense PCR primer.

L5 ANSWER 63 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52398 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC G-alphas (Gas) specific antisense PCR primer.

L5 ANSWER 64 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52397 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC G-alphas (Gas) specific sense PCR primer.

L5 ANSWER 65 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52396 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC G-alphaO (Gao) specific antisense PCR primer.

L5 ANSWER 66 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52395 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful

for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC G-alpha0 (Gao) specific sense PCR primer.

L5 ANSWER 67 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52394 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-2 to amplify BBP3 intracellular loop.

L5 ANSWER 68 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52393 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-1 to amplify BBP3 intracellular loop.

L5 ANSWER 69 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52392 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-2 to amplify BBP2 intracellular loop.

L5 ANSWER 70 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52391 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-1 to amplify BBP2 intracellular loop.

L5 ANSWER 71 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52390 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing

the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-2 to amplify BBP1 intracellular loop.

L5 ANSWER 72 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52389 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC oligonucleotide primer-1 to amplify BBP1 intracellular loop.

L5 ANSWER 73 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52388 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP3 gene specific minus strand RT-PCR primer.

L5 ANSWER 74 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52387 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP3 gene specific plus strand RT-PCR primer.

L5 ANSWER 75 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52386 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP2 gene specific minus strand RT-PCR primer.

L5 ANSWER 76 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52385 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -

IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP2 gene specific plus strand RT-PCR primer.

L5 ANSWER 77 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52384 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP1 gene specific minus strand RT-PCR primer.

L5 ANSWER 78 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52383 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC BBP1 gene specific plus strand RT-PCR primer.

L5 ANSWER 79 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52382 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Beta-actin gene specific minus strand RT-PCR primer.

L5 ANSWER 80 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52381 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Beta-actin gene specific plus strand RT-PCR primer.

L5 ANSWER 81 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52380 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
for regulating apoptosis, comprises integral membrane protein traversing  
the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F

PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Reverse PCR primer to generate riboprobes for BBP3 mRNA.

L5 ANSWER 82 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52379 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Forward PCR primer to generate riboprobes for BBP3 mRNA.

L5 ANSWER 83 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52378 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Reverse PCR primer to generate riboprobes for BBP2 mRNA.

L5 ANSWER 84 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52377 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Forward PCR primer to generate riboprobes for BBP2 mRNA.

L5 ANSWER 85 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52376 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Reverse PCR primer to generate riboprobes for BBP1 mRNA.

L5 ANSWER 86 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52375 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.

PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Forward PCR primer to generate riboprobes for BBP1 mRNA.

L5 ANSWER 87 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52374 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Antisense BBP3-specific PCR primer.

L5 ANSWER 88 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52373 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Antisense PCR primer to amplify BBP2 cDNA from human brain.

L5 ANSWER 89 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52372 DNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
DESC Sense PCR primer to amplify BBP2 cDNA from human brain.

L5 ANSWER 90 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52371 cDNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F  
PA (AMHP) AMERICAN HOME PROD CORP.  
PI WO 2000022125 A2 20000420 68p  
AI WO 1999-US21621 19991013  
PRAI US 1998-104104 19981013  
DT Patent  
LA English  
OS 2000-317982 [27]  
CR P-PSDB: AAY70761  
DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein, BBP3 encoding cDNA.

L5 ANSWER 91 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAZ52370 cDNA DGENE  
TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful for regulating apoptosis, comprises integral membrane protein traversing the membrane twice -  
IN Ozenberger B A; Kajkowski E M; Lo C F

PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 CR P-PSDB: AAY70760  
 DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein,  
 BBP2 encoding cDNA.

L5 ANSWER 92 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ52369 cDNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 CR P-PSDB: AAY70759  
 DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide (BAP) binding protein,  
 BBP1 encoding cDNA.

L5 ANSWER 93 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAZ51532 DNA DGENE  
 TI Novel G-protein-coupled receptor-like proteins and polynucleotides useful  
 for regulating apoptosis, comprises integral membrane protein traversing  
 the membrane twice -  
 IN Ozenberger B A; Kajkowski E M; Lo C F  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 2000022125 A2 20000420 68p  
 AI WO 1999-US21621 19991013  
 PRAI US 1998-104104 19981013  
 DT Patent  
 LA English  
 OS 2000-317982 [27]  
 DESC Primer to mutate 'DRF' motif of BBP3 DNA.

L5 ANSWER 94 OF 105 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAX05735 mRNA DGENE  
 TI Polynucleotide encoding \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide binding  
 protein - used to identify inhibitors of \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\*  
 peptide for treating Alzheimer's disease  
 IN Bard J A; Jacobsen J S; Kajkowski E M; Ozenberger B A; Walker S G  
 PA (AMHP) AMERICAN HOME PROD CORP.  
 PI WO 9846636 A2 19981022 59p  
 AI WO 1998-US7462 19980414  
 PRAI US 1997-64583 19970416  
 DT Patent  
 LA English  
 OS 1999-080736 [07]  
 CR P-PSDB: AAW94291  
 DESC Human \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* peptide-binding protein (  
 \*\*\*BBP\*\*\* ) encoding mRNA.

L5 ANSWER 95 OF 105 GENBANK.RTM. COPYRIGHT 2004 on STN  
 LOCUS (LOC): BC029486 GenBank (R)  
 GenBank ACC. NO. (GBN): BC029486  
 GenBank VERSION (VER): BC029486.1 GI:20809565  
 CAS REGISTRY NO. (RN): 424054-07-9  
 SEQUENCE LENGTH (SQL): 984  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 6 Oct 2003  
 DEFINITION (DEF): Homo sapiens \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* binding  
 protein precursor, mRNA (cDNA clone MGC:32941  
 IMAGE:5271098), complete cds.  
 KEYWORDS (ST): MGC  
 SOURCE: Homo sapiens (human)  
 ORGANISM (ORGN): Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
Hominidae; Homo

NUCLEIC ACID COUNT (NA): 274 a 174 c 206 g 330 t

COMMENT:

Contact: MGC help desk  
Email: cgapbs-r@mail.nih.gov  
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.  
cDNA Library Preparation: Michael J. Brownstein (NHGRI) & Shiraki  
Toshiyuki and Piero Carninci (RIKEN)  
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
DNA Sequencing by: Sequencing Group at the Stanford Human Genome  
Center, Stanford University School of Medicine, Stanford, CA 94305  
Web site: <http://www-shgc.stanford.edu>  
Contact: (Dickson, Mark) mcd@paxil.stanford.edu  
Dickson, M., Schmutz, J., Grimwood, J., Rodriguez, A., and Myers,  
R. M.  
Clone distribution: MGC clone distribution information can be found  
through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>  
Series: IRAK Plate: 48 Row: b Column: 24  
This clone was selected for full length sequencing because it  
passed the following selection criteria: matched mRNA gi: 17738309.

REFERENCE:

1 (bases 1 to 984)

AUTHOR (AU):

Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.;  
Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.;  
Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.;  
Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.;  
Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.;  
Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.;  
Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.;  
Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.;  
Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.;  
Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.;  
Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.;  
Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.;  
Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.;  
Villalon,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.;  
Gibbs,R.A.; Fahey,J.; Helton,E.; Kettelman,M.; Madan,A.;  
Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.;  
Young,A.C.; Shevchenko,Y.; Bouffard,G.G.;  
Blakesley,R.W.; Touchman,J.W.; Green,E.D.;  
Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.;  
Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.;  
Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.;  
Jones,S.J.; Marra,M.A.

TITLE (TI):

Generation and initial analysis of more than 15,000  
full-length human and mouse cDNA sequences

JOURNAL (SO):

Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903  
(2002)

OTHER SOURCE (OS):

CA 138:84319

REFERENCE:

2 (bases 1 to 984)

AUTHOR (AU):

Strausberg,R.

TITLE (TI):

Direct Submission

JOURNAL (SO):

Submitted (01-MAY-2002) National Institutes of Health,  
Mammalian Gene Collection (MGC), Cancer Genomics  
Office, National Cancer Institute, 31 Center Drive,  
Room 11A03, Bethesda, MD 20892-2590, USA

FEATURES (FEAT):

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source	1..984	/organism="Homo sapiens" /mol-type="mRNA" /db-xref="taxon:9606" /clone="MGC:32941 IMAGE:5271098" /tissue-type="Testis" /clone-lib="NIH-MGC-97" /lab-host="DH10B" /note="Vector: pBluescript"
gene	1..984	/gene="BBP"
CDS	22..645	/db-xref="LocusID:83941" /codon-start=1 /product="beta-amyloid binding protein precursor" /protein-id="AAH29486.1" /db-xref="GI:20809566"

misc-feature 385..525

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NEVGFFKPISCRNVNGYSYKVAVALSLFLGLWGA  
DRFYLGPALGLLKFCFVGFCGIG  
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unknown]"  
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121 ggggctgttg ccacctccgc cgggggcgag gagtcgctta agtgcgagga cctcaaagtg
181 ggacaatata tttgtaaaga tccaaaaata aatgacgcta cgcaagaacc agttaactgt
241 acaaaactaca cagctcatgt ttcctgtttt ccagcaccca acataacttg taaggattcc
301 agtggcaatg aaacacatit tactgggaac gaagttgggt ttttcaagcc catatcttgc
361 cgaaatgtaa atggctattc ctacaaagtg gcagtcgcat tgtctctttt tcttggatgg
421 ttgggagcag atcgatttta ccttggatac cctgcttttg gtttgtaaaa gttttgcact
481 gtaggggttt gtggaattgg gaggctaatt gatttcattc ttatttcaat gcagattgtt
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L5 ANSWER 96 OF 105 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF353993 GenBank (R)  
GenBank ACC. NO. (GBN): AF353993  
GenBank VERSION (VER): AF353993.1 GI:13625464  
CAS REGISTRY NO. (RN): 331707-73-4  
SEQUENCE LENGTH (SQL): 630  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Rodents  
DATE (DATE): 29 May 2001  
DEFINITION (DEF): Mus musculus \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* binding  
protein ( \*\*\*Bbp\*\*\* ) mRNA, complete cds.  
SOURCE:  
ORGANISM (ORGN): Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus  
NUCLEIC ACID COUNT (NA): 163 a 140 c 158 g 169 t  
REFERENCE: 1 (bases 1 to 630)  
AUTHOR (AU): Kajkowski, E.M.; Lo, C.F.; Ning, X.; Walker, S.;  
Sofia, H.J.; Wang, W.; Edris, W.; Chanda, P.; Wagner, E.;  
Vile, S.; Ryan, K.; McHendry-Rinde, B.; Smith, S.C.;  
Wood, A.; Rhodes, K.J.; Kennedy, J.D.; Bard, J.;  
Jacobsen, J.S.; Ozenberger, B.A.  
TITLE (TI): \*\*\*beta\*\*\* - \*\*\*Amyloid\*\*\* peptide-induced  
apoptosis regulated by a novel protein containing a g  
protein activation module  
J. Biol. Chem., 276 (22), 18748-18756 (2001)  
OTHER SOURCE (OS): CA 136:114418  
REFERENCE: 2 (bases 1 to 630)  
AUTHOR (AU): Ozenberger, B.A.; Howland, D.S.; Lo, C.F.; She, Y.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (27-FEB-2001) Wyeth Neuroscience, CN 8000,  
Princeton, NJ 08543, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..630	/organism="Mus musculus" /strain="BALB/c" /db-xref="taxon:10090"
gene	1..630	/gene="Bbp"
CDS	4..630	/gene="Bbp"

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        GSEVGFLKPISCRNVNGYSYKVAVALSLFLGLWG
        ADRFYLGYPALGLLKFCTVGFCEGI
        GSLIDFILISMQIVGSPDGSSYIIDYYGTRLTRL
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misc-feature      349..414      /gene="Bbp"
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                               domain"

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241 catgttcaat gttttccagc acccaaaata acttgaagg atttgagtgg taatgaaaca
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481 attgggagcc taattgattt cattcttatt tcaatgcaga ttgttgacc ttcagatgga
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601 acatttagaa aaaccagct gtaccataa

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L5 ANSWER 97 OF 105 GENBANK.RTM. COPYRIGHT 2004 on STN

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LOCUS (LOC):      AF353992      GenBank (R)
GenBank ACC. NO. (GBN): AF353992
GenBank VERSION (VER): AF353992.1 GI:13625462
CAS REGISTRY NO. (RN): 331707-72-3
SEQUENCE LENGTH (SQL): 1300
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE):      29 May 2001
DEFINITION (DEF): Homo sapiens ***BBP*** -like protein 2 (BLP2) mRNA,
                    complete cds.
SOURCE:
  ORGANISM (ORGN): Homo sapiens
                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                    Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                    Hominidae; Homo
NUCLEIC ACID COUNT (NA): 300 a 259 c 333 g 408 t
REFERENCE:
  AUTHOR (AU):     Kajkowski,E.M.; Lo,C.F.; Ning,X.; Walker,S.;
                    Sofia,H.J.; Wang,W.; Edris,W.; Chanda,P.; Wagner,E.;
                    Vile,S.; Ryan,K.; McHendry-Rinde,B.; Smith,S.C.;
                    Wood,A.; Rhodes,K.J.; Kennedy,J.D.; Bard,J.;
                    Jacobsen,J.S.; Ozenberger,B.A.
  TITLE (TI):       ***beta*** - ***Amyloid*** peptide-induced
                    apoptosis regulated by a novel protein containing a g
                    protein activation module
  JOURNAL (SO):      J. Biol. Chem., 276 (22), 18748-18756 (2001)
  OTHER SOURCE (OS): CA 136:114418
REFERENCE:
  2 (bases 1 to 1300)
  AUTHOR (AU):       Ozenberger,B.A.
  TITLE (TI):        Direct Submission
  JOURNAL (SO):       Submitted (27-FEB-2001) Wyeth Neuroscience, CN 8000,
                    Princeton, NJ 08543, USA

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FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1300	/organism="Homo sapiens"
		/db-xref="taxon:9606"
gene	1..1300	/gene="BLP2"

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WQLPETDYECTNSTSCMTVSCPRQRYPANCTVRD
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L5 ANSWER 98 OF 105 GENBANK.RTM. COPYRIGHT 2004 on STN

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LOCUS (LOC): AF353991 GenBank (R)
GenBank ACC. NO. (GBN): AF353991
GenBank VERSION (VER): AF353991.1 GI:13625460
CAS REGISTRY NO. (RN): 331707-71-2
SEQUENCE LENGTH (SQL): 1240
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 29 May 2001
DEFINITION (DEF): Homo sapiens ***BBP*** -like protein 1 (BLP1) mRNA,
complete cds.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 299 a 269 c 313 g 359 t
REFERENCE: 1 (bases 1 to 1240)
AUTHOR (AU): Kajkowski,E.M.; Lo,C.F.; Ning,X.; Walker,S.;
Sofia,H.J.; Wang,W.; Edris,W.; Chanda,P.; Wagner,E.;
Vile,S.; Ryan,K.; McHendry-Rinde,B.; Smith,S.C.;
Wood,A.; Rhodes,K.J.; Kennedy,J.D.; Bard,J.;
Jacobsen,J.S.; Ozenberger,B.A.
TITLE (TI): ***beta*** - ***Amyloid*** peptide-induced
apoptosis regulated by a novel protein containing a g
protein activation module
JOURNAL (SO): J. Biol. Chem., 276 (22), 18748-18756 (2001)
OTHER SOURCE (OS): CA 136:114418
REFERENCE: 2 (bases 1 to 1240)

```

AUTHOR (AU): Ozenberger,B.A.; Walker,S.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (27-FEB-2001) Wyeth Neuroscience, CN 8000,  
 Princeton, NJ 08543, USA

# FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1240	/organism="Homo sapiens" /db-xref="taxon:9606"
gene	1..1240	/gene="BLP1"
CDS	54..698	/gene="BLP1" /note="putative membrane-associated glycoprotein" /codon-start=1 /product="BBP-like protein 1" /protein-id="AAK35065.1" /db-xref="GI:13625461" /translation="MVLGGCPVSYLLLCGQAALL LGNLLLLHCVSRSHSQNATAEPEL TSAGAAQPEGPGGAASWEYGDPHSPVILCSYLPD EFIECEDPVDHVGNGATASQELGYG CLKFGGQAYSDEHTSVQCHALDGEICASPRTFL RENKPCIKYTGHYFITTLLYSFFL GCFGVDRFCLGHTGTAVGKLLTLGGLGIWWFVDL ILLITGGLMPDGSNWCTVY"
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361 gtctcaagtt cggcggctag gcctacagcg acgtggaaca cacttcagtc cagtgccatg
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L5 ANSWER 99 OF 105 GENBANK.RTM. COPYRIGHT 2004 on STN

# LOCUS (LOC):

AF353990 GenBank (R)  
 GenBank ACC. NO. (GBN): AF353990  
 GenBank VERSION (VER): AF353990.1 GI:13625458  
 CAS REGISTRY NO. (RN): 331707-70-1  
 SEQUENCE LENGTH (SQL): 1246  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 29 May 2001  
 DEFINITION (DEF): Homo sapiens \*\*\*beta\*\*\* - \*\*\*amyloid\*\*\* binding  
 protein precursor ( \*\*\*BBP\*\*\* ) mRNA, complete cds.  
 SOURCE:  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 318 a 255 c 283 g 390 t  
 REFERENCE:  
 1 (bases 1 to 1246)  
 AUTHOR (AU): Kajkowski,E.M.; Lo,C.F.; Ning,X.; Walker,S.;

Sofia,H.J.; Wang,W.; Edris,W.; Chanda,P.; Wagner,E.;  
Vile,S.; Ryan,K.; McHendry-Rinde,B.; Smith,S.C.;  
Wood,A.; Rhodes,K.J.; Kennedy,J.D.; Bard,J.;  
Jacobsen,J.S.; Ozenberger,B.A.

TITLE (TI): \*\*\*beta\*\*\* - \*\*\*Amyloid\*\*\* peptide-induced  
apoptosis regulated by a novel protein containing a g  
protein activation module  
JOURNAL (SO): J. Biol. Chem., 276 (22), 18748-18756 (2001)  
OTHER SOURCE (OS): CA 136:114418  
REFERENCE: 2 (bases 1 to 1246)  
AUTHOR (AU): Ozenberger,B.A.; Kajkowski,E.; Jacobsen,J.S.; Bard,J.;  
Walker,S.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (27-FEB-2001) Wyeth Neuroscience, CN 8000,  
Princeton, NJ 08543, USA

# FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1246	/organism="Homo sapiens" /db-xref="taxon:9606" /chromosome="1"
gene	1..1246	/gene="BBP"
CDS	304..927	/gene="BBP" /note="membrane-associated glycoprotein" /codon-start=1 /product="beta-amyloid binding protein precursor" /protein-id="AAK35064.1" /db-xref="GI:13625459" /translation="MAAAWPSGPSAPEAVTARLV GVLWFVSVTTGPGAVATSAGGEE SLKCEDLVKGQYICKDPKINDATQEPVNCTNYTA HVSFCFAPNITCKDSSSGNETHFTG NEVGFFKPISCRNVNGYSYKVAVALSLFLGWLGA DRFYLGPALGLLKFCVTGFCGIG SLIDFILISMQIVGPSDGSSYIIDYYGTRLRLS ITNETFRKTQLYP"
sig-peptide	304..414	/gene="BBP"
misc-feature	646..711	/gene="BBP" /note="Region: transmembrane domain"
misc-feature	751..825	/gene="BBP" /note="Region: transmembrane domain"

# SEQUENCE (SEQ):

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121 catattttaa aagggtctcc caatgtgatt ccacgggctc acgggcagaa gaacacgcga
181 agagacggaa ctggcctcta tcctatgcga ggtcccttta agaacctcgc cctgttgccc
241 ttctccctcc cgctcctggg cggaggcgga agcggaagtg gcgagaaagt gtcggtctcc
301 aagatggcgg ccgcttgccc gtcgtgctcg tctgctccgg aggccgtgac ggccagactc
361 gttggtgtcc tgtggttcgt ctcagtcact acaggaccct ggggggctgt tgccacctcc
421 gccgggggcg aggagtcgct taagtgcgag gacctcaaag tgggacaata tatttgtaaa
481 gatccaaaaa taaatgacgc tacgcaagaa ccagttaact gtacaaacta cacagctcat
541 gtttcctggt ttccagcacc caacataact tgtaaggatt ccagtggcaa tgaaacacat
601 tttactggga acgaagttgg ttttttcaag cccatatctt gccgaaatgt aaatggctat
661 tcctacaaag tggcagtcgc attgtctctt tttcttgat gggtgggagc agatcgattt
721 taccttggat accctgcttc gggtttggtt aagttttgca ctgtagggtt ttgtggaatt
781 gggagcctaa ttgatttcat tcttatttca atgcagattg ttggaccttc agatggaagt
841 agttacatta tagattacta tggaaccaga cttacaagac tgagtattac taatgaaaca
901 tttagaaaaa cgcaattata tccataaata tttttagaag aaacagattt gagcctcctt
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1021 cattttatga gttctgtata atttttggtg tttttgtttt gttgagttaa agtatgttat
1081 tgtgagattt atttaaatagg acttcctttg aaagctgtat aatagtgtt ctcgggcttc
1141 tgtctctatg agagatagct tattactctg atactcttta atcttttaca aaggcaagtt
1201 gccacttgct atttttggtt ctgaaaaata aaagtataac ttattc

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L5 ANSWER 100 OF 105 IFIPAT COPYRIGHT 2004 IFI on STN

AN 10114660 IFIPAT;IFIUDB;IFICDB

TI \*\*\*BETA\*\*\* - \*\*\*AMYLOID\*\*\* PEPTIDE-BINDING PROTEINS AND  
POLYNUCLEOTIDES ENCODING THE SAME; NUCLEOTIDE SEQUENCES CODING  
POLYPEPTIDE FOR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE

IN Bard Jonathan A; Howland David; Jacobsen Jack S; Kajkowski Eileen M;

Ozenberger Bradley A; Sofia Heidi; Walker Stephen G

PA	wyeth (3096)		
PI	US 2002058267	A1	20020516
AI	US 2001-852100		20010509
RLI	US 1998-60609		19980415 CONTINUATION-IN-PART ABANDONED
	US 1998-172990		19981014 CONTINUATION-IN-PART ABANDONED
	WO 1999-US21621		19991013 CONTINUATION-IN-PART UNKNOWN
	US 2001-774936		20010131 CONTINUATION-IN-PART PENDING
PRAI	US 1997-64583P		19970416 (Provisional)
	US 1998-104104P		19981013 (Provisional)
FI	US 2002058267		20020516
DT	Utility; Patent Application - First Publication		
FS	CHEMICAL		
	APPLICATION		
OS	CA 136:364881		
CLMN	33		
GI	14 Figure(s).		

FIG. 1 shows the yeast 2-hybrid screen design. A Y2H host strain expressing the Gal4 DNA-binding domain fused to BAP42 (BAPBD; plasmid containing TRP1 marker) and nonfusion BAP42 (BAP; plasmid containing URA3 marker) was transformed with a Y2H human fetal brain cDNA library (plasmid containing LEU2 marker) expressing Gal4 activation domain fusion proteins (unknownAD) as described. Therefore, strains contained three episomal plasmids, denoted by circles, expressing the indicated protein. Positive protein-protein interactions reconstituted Gal4 activity at the upstream activating sequence (GALUAS) thereby inducing transcription of the reporter gene HIS3.

FIG. 2 shows that the transfection of cells with pBBP results in increased cell loss upon treatment with A beta. SH-SY5Y cells were transfected with vector or pBBP. Samples were treated with 10 M aged A beta for 48 hrs, then evaluated for cell viability compared to untreated control samples. Values represent the means with standard errors of three independent experiments. The star indicates P less-than 0.01 (t-test).

FIG. 3 shows that the A beta-induced apoptosis in cells transfected with pBBP is transduced through G proteins. SH-SY5Y cells were transfected with pEGFP plus pBBP or pBBP-R greater-than E expression plasmids. Samples were treated with 10 M A beta and nuclear morphologies were evaluated in transfected (EGFP+) cells as described in the text. One pBBP sample was simultaneously treated with pertussis toxin (PTX) at 100 ng/ml to obtain the value labeled pBBP+PTX. Values are the means of duplicate samples of greater-than 100 EGFP+ cells, with standard deviations. The star indicates significant (P less-than 0.01; Yates G-test) effect of pBBP versus vector.

FIG. 4 shows that the \*\*\*BBP\*\*\* -mediated response to A beta is caspasedependent.

Nt2 stem cells were transfected with pEGFP plus vector or pBBP and treated with 10 M A beta. Duplicate pBBP samples were also treated with 25 M BOC-Asp(Ome)-fluoromethylketone (BAF), a nonspecific caspase inhibitor.

FIG. 5 shows \*\*\*BBP\*\*\* -specific apoptotic response to A beta is selective for aged (i.e., aggregated) human peptide. Nt2 stem cells were transfected with pEGFP plus vector or pBBP. Samples were treated for 48 hrs with the indicated peptide at 10 M, and examined for nuclear morphology.

FIG. 6 shows transient transfection assays and demonstrate that the \*\*\*BBP\*\*\* -R greater-than E variant acts in a dominant negative manner to suppress the activities of wild type protein. Nt2 stem cells were transfected with the indicated mixtures of DNAs, maintaining total DNA concentrations constant (1.65 ug). Duplicate samples were treated with 10 M A beta and scored for apoptotic nuclei. Transfection with pBBP in the absence of pBBPR greater-than E resulted in a significant (P less-than 0.01) induction of apoptosis versus vector control. In dually transfected samples, there was a consistent (N=5) and significant (P less-than 0.01) dominant negative effect of pBBPR greater-than E versus pBBP alone. The intermediate value of the pBBP plus pBBP-R greater-than E dual transfection versus pBBP-R greater-than E alone was not statistically significant (P greater-than 0.05; Yates G-test).

FIG. 7 shows a sequence comparison of \*\*\*BBP\*\*\* /BLP translation products. The amino acid sequences of human, mouse and Drosophila melanogaster (fly) \*\*\*BBP\*\*\*, BLP1 and BLP2 proteins were aligned using the CLUSTALW algorithm. The fly BLP2 protein has been tentatively identified as almondex (amx; accession AF217797). Gaps, indicated by dashes, were introduced to optimize the alignment. Amino acids common within a subtype are shaded. Amino acids invariant for all proteins are indicated by arrows. Predicted transmembrane domains (tm1 and tm2) are indicated. Stars indicate translation stops.

FIG. 8 shows a comparison of the predicted topology of the \*\*\*BBP\*\*\*

proteins with a 7-tm domain G protein-coupled receptor. The two tm domains of \*\*\*BBPs\*\*\* correspond to tm domains 3 and 4 of GPCRs. FIG. 9 shows a graphical depiction of the BBP1 amplicon with the splice variant, as well as a partial sequence from amino acid 217 to the stop codon.

FIG. 10 shows an analysis of the mutation of the aspartate in the BBP1 PXDGS motif separates pro- and anti-apoptotic activities. SY5Y (top panels) or Nt2 stem cells (bottom panels) were transfected with the indicated expression plasmid, treated with AP for 48 hrs (left panels) or staurosporine (STS) for 3 hrs (right panels). Duplicate samples were fixed and stained with the nuclear dye Hoechst 33342. Nuclear morphologies of transfected cells were scored blindly by fluorescence microscopy. Each value represents the mean with standard deviation. Each count consisted of at least 100 cells.

FIG. 11 shows the genomic structure of the BBP1 gene with the individual exon start and stop sites being indicated.

FIG. 12 shows a schematic representation of the endogenous murine BBP1 gene, the BBP1 targeting construct and the mutated BBP1 allele produced by homologous recombination between the endogenous BBP1 gene and the BBP1 targeting construct.

FIG. 13 shows a schematic of a conditional knockout construct after insertion. The asterisks indicate the exons to be removed and the triangles represent the inserted Lox sites.

L5 ANSWER 101 OF 105 USPATFULL on STN  
AN 2004:50868 USPATFULL  
TI Protein fragment complementation assays for the detection of biological  
or drug interactions  
IN Michnick, Stephen William Weston, Westmount, CANADA  
Pelletier, Joelle Nina, Westmount, CANADA  
Remy, Ingrid, Montreal, CANADA  
PA Odyssey Pharmaceuticals, Inc., San Ramon, CA (non-U.S. corporation)  
PI US 2004038298 A1 20040226  
AI US 2003-353090 A1 20030129 (10)  
RLI Continuation of Ser. No. US 2002-154758, filed on 24 May 2002, PENDING  
Continuation of Ser. No. US 2000-499464, filed on 7 Feb 2000, GRANTED,  
Pat. No. US 6428951 Continuation of Ser. No. US 1998-17412, filed on 2  
Feb 1998, GRANTED, Pat. No. US 6270964  
PRAI CA 1997-2196496 19970131  
DT Utility  
FS APPLICATION  
LN.CNT 2747  
INCL INCLM: 435/007.100  
NCL NCLM: 435/007.100  
IC [7]  
ICM: G01N033-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 102 OF 105 USPATFULL on STN  
AN 2003:71403 USPATFULL  
TI Protein fragment complementation assays for the detection of biological  
or drug interactions  
IN Michnick, Stephen William Watson, Westmount, CANADA  
Pelletier, Joelle Nina, Westmount, CANADA  
Remy, Ingrid, Montreal, CANADA  
PA Odyssey Pharmaceuticals, Inc., San Ramon, CA (non-U.S. corporation)  
PI US 2003049688 A1 20030313  
AI US 2002-154758 A1 20020524 (10)  
RLI Continuation of Ser. No. US 2000-499464, filed on 7 Feb 2000, GRANTED,  
Pat. No. US 6428951 Continuation of Ser. No. US 1998-17412, filed on 2  
Feb 1998, GRANTED, Pat. No. US 6270964  
PRAI CA 1997-2196496 19970131  
DT Utility  
FS APPLICATION  
LN.CNT 2757  
INCL INCLM: 435/007.100  
INCLS: 435/007.900; 702/019.000  
NCL NCLM: 435/007.100  
NCLS: 435/007.900; 702/019.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-542; G06F019-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 103 OF 105 USPATFULL on STN  
AN 2002:194691 USPATFULL

TI Protein fragment complementation assays for the detection of biological  
or drug interactions  
IN Michnick, Stephen William Watson, Westmount, CANADA  
Pelletier, Joelle Nina, Westmount, CANADA  
Remy, Ingrid, Montreal, CANADA  
PA Odyssey Pharmaceuticals, Inc., San Ramon, CA, United States (U.S.  
corporation)  
PI US 6428951 B1 20020806  
AI US 2000-499464 20000207 (9)  
RLI Continuation of Ser. No. US 1998-17412, filed on 2 Feb 1998, now  
patented, Pat. No. US 6270964  
PRAI CA 1997-2196496 19970131  
DT Utility  
FS GRANTED  
LN.CNT 2595  
INCL INCLM: 435/004.000  
INCLS: 435/006.000; 530/350.000; 536/023.200; 536/023.400  
NCL NCLM: 435/004.000  
NCLS: 435/006.000; 530/350.000; 536/023.200; 536/023.400  
IC [7]  
ICM: C12Q001-25  
ICS: C12Q001-68; C07K014-00; C12N015-11  
EXF 435/4; 435/6; 530/350; 536/23.2; 536/23.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 104 OF 105 USPATFULL on STN  
AN 2001:163000 USPATFULL  
TI Protein fragment complementation assays for the detection of biological  
or drug interactions  
IN Michnick, Stephen William Watson, Westmount, Canada  
Remy, Ingrid, Montreal, Canada  
PA Odyssey Pharmaceuticals Inc., San Ramon, CA, United States (U.S.  
corporation)  
PI US 6294330 B1 20010925  
AI US 1998-124850 19980730 (9)  
RLI Continuation-in-part of Ser. No. US 1998-17412, filed on 2 Feb 1998  
PRAI CA 1997-2196496 19970131  
DT Utility  
FS GRANTED  
LN.CNT 3238  
INCL INCLM: 435/006.000  
INCLS: 435/069.700; 435/325.000; 435/252.300; 435/254.110; 435/440.000;  
435/455.000; 435/468.000; 435/320.100; 536/023.400; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.700; 435/252.300; 435/254.110; 435/320.100; 435/325.000;  
435/440.000; 435/455.000; 435/468.000; 536/023.400; 536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C12N005-10; C12N001-21; C12N015-11; C12N015-63  
EXF 435/6; 435/69.7; 435/320.1; 435/325; 435/252.3; 435/254.11; 435/440;  
435/455; 435/468; 536/23.4; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 105 OF 105 USPATFULL on STN  
AN 2001:125737 USPATFULL  
TI Protein fragment complementation assays for the detection of biological  
or drug interactions  
IN Michnick, Stephen William Watson, Westmount, Canada  
Pelletier, Joelle Nina, Westmount, Canada  
Remy, Ingrid, Montreal, Canada  
PA Odyssey Pharmaceuticals Inc., San Ramon, CA, United States (U.S.  
corporation)  
PI US 6270964 B1 20010807  
AI US 1998-17412 19980202 (9)  
PRAI CA 1997-2196496 19970131  
DT Utility  
FS GRANTED  
LN.CNT 2701  
INCL INCLM: 435/006.000  
INCLS: 435/069.700; 435/410.000; 435/243.000; 435/325.000; 530/350.000;  
536/023.100; 536/023.400  
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NCLS: 435/069.700; 435/243.000; 435/325.000; 435/410.000; 530/350.000;  
536/023.100; 536/023.400  
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ICM: C12Q001-68

ICS: C12P021-02; C12N015-52  
EXF 435/6; 435/4; 435/69.7; 435/410; 435/243; 435/325; 530/350; 536/23.4;  
536/23.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

STN INTERNATIONAL LOGOFF AT 15:49:46 ON 02 APR 2004

